

CLAIMS

I claim:

1. A syringe needle de-capping and re-capping device, comprising:
 - a. a cylindrical shaped body with longitudinally aligned cavity formed therein; said body including a finger gripping section;
 - b. a removable cap selectively attachable to said body, said cap including an inward extending aligned neck;
 - c. a bushing longitudinally aligned and located inside said cavity, said bushing including a cylindrical shaped void area capable of receiving said neck on said removable cap, said bushing includes a stop surface formed inside said void area;
 - d. a spring nut located inside said void area of said bushing, said spring nut including a center bore that engages the tip of a needle cap with inserted therein; and,
2. The syringe needle de-capping and re-capping device, as recited in Claim 1, wherein said finger gripping member that allows said body to be held between a user's finger so that said cavity is located above the top surface of the user's fingers.
3. The syringe needle de-capping and re-capping device as recited in Claim 2, wherein said body and said finger gripping member are longitudinally aligned so that when a user's fingers engage said finger gripping member, said cylindrical body extends upward substantially perpendicular to the top surface of the fingers used to hold said device.
4. The syringe needle de-capping and re-capping device, as recited in Claim 1, wherein

1 said bushing is made of radiation shielding material.

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3 5. The syringe needle de-capping and re-capping device, as recited in Claim 2, wherein
4 said bushing is made of radiation shielding material.

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6 6. The syringe needle de-capping and re-capping, as recited in Claim 3, wherein said
7 bushing is made of radiation shielding material.

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9 7. The syringe needle de-capping and re-capping device as recited in Claim 1, wherein
10 said body and said finger gripping member are made of molded rubber.

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12 8. The syringe needle de-capping and re-capping device as recited in Claim 1, further
13 including a ring attached to said body having internal threads and said cap including external
14 threads that selectively attached said cap to said body.

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16 9. The syringe needle de-capping and re-capping device as recited in Claim 1, wherein
17 said neck is an adaptor removably attached to said cap.

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19 10. The capping device, as recited in Claim 9, further including a bushing made of
20 radiation shielding material.

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22 11. The syringe needle de-capping and re-capping device as recited in Claim 1, wherein
23 said body and said finger gripping member are perpendicularly aligned so that when a user's

1 fingers engage said finger gripping member, said cylindrical body extends transversely over
2 the top surface of the user's fingers.

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4 12. The syringe needle de-capping and re-capping device, as recited in Claim 11, wherein
5 said bushing is made of radiation shielding material.

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7 13. The syringe needle de-capping and re-capping device, as recited in Claim 1, when
8 said finger gripping member is conical.

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10 14. A syringe needle de-capping and re-capping device, comprising:

11 a. a cylindrical body with longitudinally aligned bushing cavity formed therein;

12 b. a t-shaped finger gripping member longitudinally aligned and formed on said body
13 capable of being engaged between two fingers on a user's hand;

14 c. a removable cap attached to said cylindrical body to selectively close said cavity,
15 said removable cap including a small opening capable of receiving a needle cap;

16 d. a bushing located inside said cavity formed in said body; said bushing including a
17 void area; and,

18 e. a spring nut located inside said void area of said bushing capable to engaging the
19 tip of a needle cap when inserted through said small opening on said removable cap and into
20 said void area in said bushing.

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22 15. The de-capping and re-capping device, as recited in Claim 14, wherein said bushing is
23 made of a radiation shielding material.

1 16. The de-capping and re-capping device as recited in Claim 14, further including an
2 adapter attached to said cap that extends into said bushing to hold said spring nut inside said
3 bushing.

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5 17. The de-capping and re-capping device, as recited in Claim 16, wherein said bushing is
6 made of radiation shielding material.

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8 18. A syringe needle de-capping and re-capping device, comprising:

9 a. a cylindrical body with longitudinally aligned cavity formed therein;

10 b. a t-shaped finger gripping member located on one side of said body capable of being
11 engaged between two fingers on a user's hand;

12 c. a removable cap attached to said body to selectively close said cavity, said
13 removable cap including a small opening capable of receiving a needle cap;

14 d. a bushing located inside said cavity formed in said body said bushing including a
15 void area; and,

16 e. a spring nut located inside said void area of said bushing capable to engaging the
17 tip of a needle cap when inserted through said small opening on said removable cap and into
18 said void area in said bushing.

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20 19. The capping device, as recited in Claim 18, wherein said bushing is made of radiation
21 material.

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23 20. The de-capping and re-capping device, as recited in Claim 18, wherein said bushing is

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